

PATENT ABSTRACTS OF JAPAN

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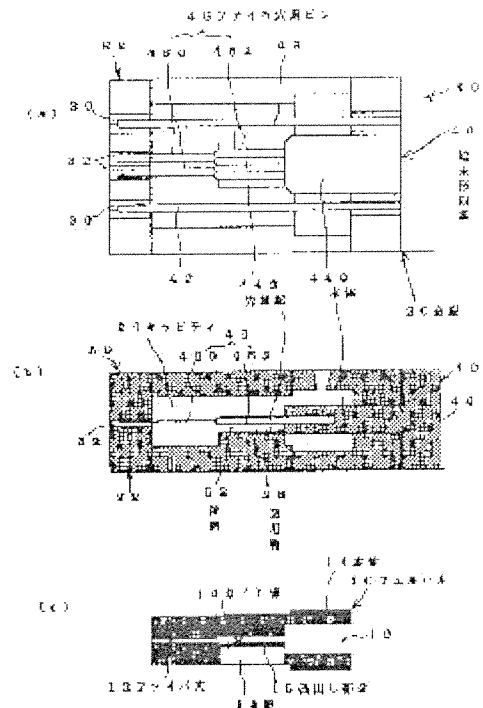
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(54) FERRULE FOR OPTICAL CONNECTOR AND ITS PRODUCTION

(57)Abstract:

PURPOSE: To improve the performance of a connector and the production yield by using the mold, where a space to which a forming material will flow is provided between the base part of a pin for fiber hole and a frame for window, to form a ferrule and preventing deformation of the pin for fiber hole to prevent a fiber hole of the ferrule from being inclined.

CONSTITUTION: The mold where a space 62 to which the forming material will flow is provided between a base part 462 of a pin 46 for fiber hole and a frame 26 for window is used to form the ferrule for optical connector. This space 62 has such dimensions that the forming material is positively charged there. If the forming material passes around to the space 62 and the internal pressure of a cavity 24 is fixed at the time of forming, the pin 46 for fiber hole is not deformed. Consequently, a fiber hole 12 of the ferrule is prevented from being inclined while pin 46 is deformed by repeats of injection molding and release of a resin to and from the cavity 24 to result in inclination of the fiber hole 12 of the formed ferrule in the conventional method. Thus, the performance of the connector and the production yield are improved.



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